



CSCS OMNIBUS

Industry Day

13 March 2001



Industry Day Agenda

13 March 01



CSCS Omnibus Effort

- 0900 Welcome
- 0910 Keynote Address
- 0920 Administrative
- 0925 CSCS Program Overview
- 0945 Current CSCS Architecture & 500 Day Plan
- 1015 **OMNIBUS** Requirements
- 1045 Acquisition Strategy
- 1130 Lunch BREAK
- 1300 Feedback on Qualification Packages
- 1330 Questions & Industry Round Table
- 1500 Break
- 1515 Industry Round Table (cont.)
- 1600 Concluding Remarks



CSCS OMNIBUS

Key Note Address

CSCS Omnibus Effort

Col. Kenneth Whitley:

- ◆ **Chief BattleManagment & Crisis Action Systems (ESC/ACM)**



PURPOSE

CSCS Omnibus Effort

**Build Industry-Government Partnership that
results in successful **CSCS Omnibus** Effort**



CSCS OMNIBUS

Administrative Issues: Logistics

CSCS Omnibus Effort

◆ Refreshments

–

◆ Facilities

◆ Lunch

- Base Sub Shop
- O & E Clubs
- Golden Dragon
- Off Base



CSCS OMNIBUS

Administrative Issues: ROE

CSCS Omnibus Effort

◆ Contracting Disclaimer

◆ Questions

- Please write questions down
- We will answer questions after lunch

◆ Answers Also Posted On HERBB after Industry Week

◆ Round Table

- Open & Honest Discussion
- ESC looking for innovative & useful Ideas



Industry Day Briefing:

CSCS Program Overview & Background

SYSTEM PROGRAM DIRECTOR: COL. DAVID R. CHAFFEE

PROGRAM MANAGER: Mr. Bard Connally

CONTRACTING OFFICER: Ms. Themoula Poirier

Project Lead: Captain Alexander M.G. Walan

13 March 2001



CSCS PROGRAM BACKGROUND

CSCS Omnibus Effort

CSCS Primary mission:

- ◆ To provide air surveillance detection and monitoring for Counterdrug operations in the USSOUTHCOM Area of Responsibility (AOR).



CSCS Program Background

CSCS Omnibus Effort

Supporting the National Drug Strategy

NATIONAL STRATEGY GOALS



1. Educate America's youth to reject illegal drugs and substance abuse.
2. Increase the safety of America's citizens by substantially reducing drug-related crime and violence.
3. Reduce health, welfare, and crime costs resulting from illegal drug use.
4. Shield America's air, land, and sea frontier from the drug threat.
5. Break foreign and domestic drug sources of supply.



SOUTHCOM ROLE

Source Zone/Transit Zone

- Detection and Monitoring
- Intelligence Sharing
- Logistics Support
- Communications
- Planning Assistance
- Train and Equip



DOD ROLE

Support Interdiction



CSCS Program Background

CSCS Omnibus Effort

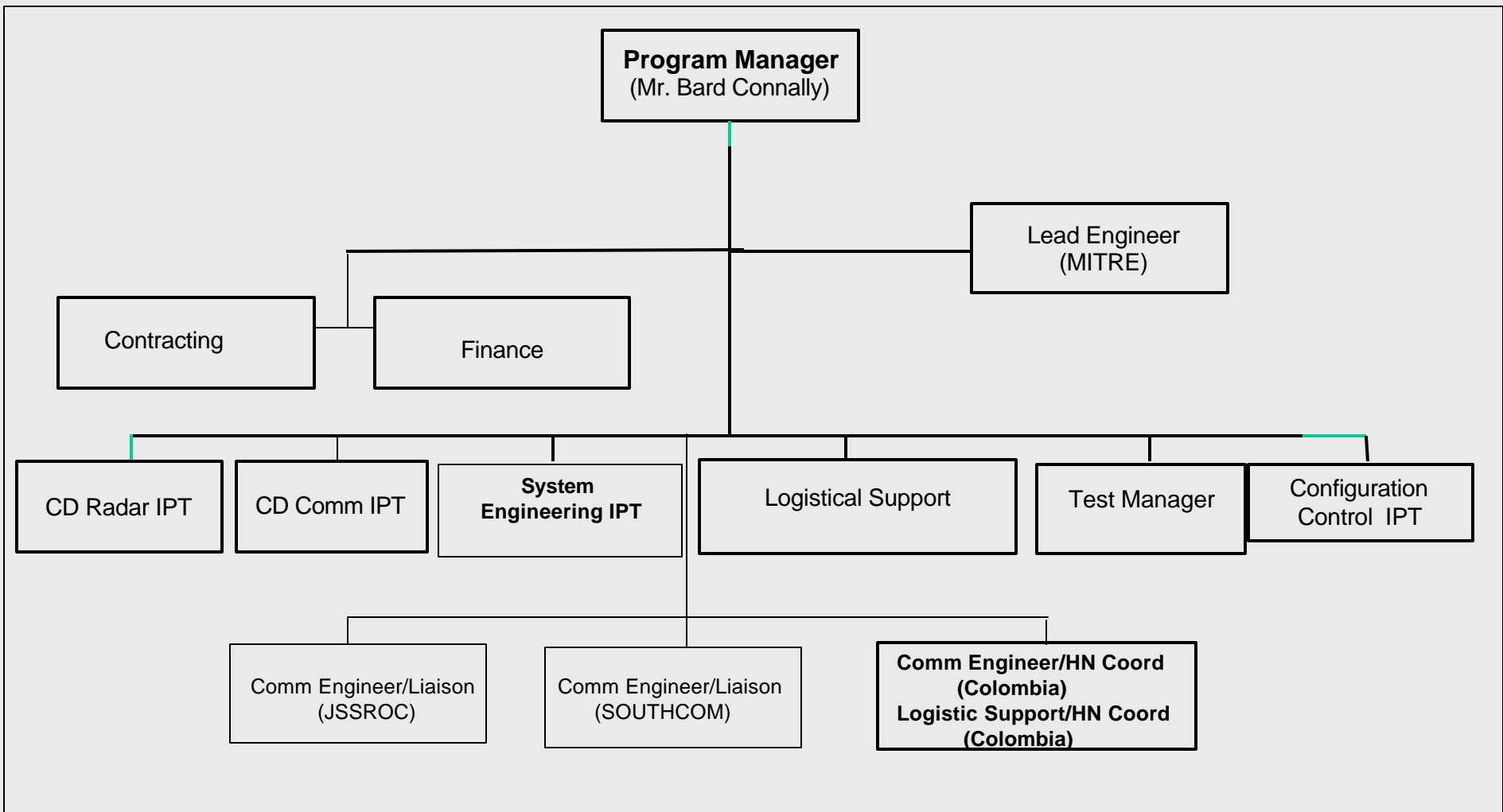
CSCS is an AF executed DoD counterdrug program

- ◆ **Funded by DASD-DEP&S with DoD Counterdrug funds**
- ◆ **HQ ACC is the USAF Using Command**
- ◆ **USSOUTHCOM & SOUTHAF are CSCS major customers**
- ◆ **Acquisition Phase: Production/Deployment**
 - **ACAT III (DAC) Program**



CSCS ESC/ACMC ORGANIZATION

CSCS Omnibus Effort



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CSCS Program Background: The Users

CSCS Omnibus Effort

- ◆ HQ ACC/DOXD
 - Oversight of operational issues
 - Funding advocate
- ◆ HQ ACC/SCCC
 - CSCS Systems Manager
 - ◆ Provide command oversight, direction, and guidance
 - ◆ Schedule evaluations
- ◆ HQ ACC/PMS
 - Manage follow-on contractor support
 - Manage contractor performance
 - O&M Fielded System
- ◆ USSOUTHCOM
- ◆ SOUTHAF

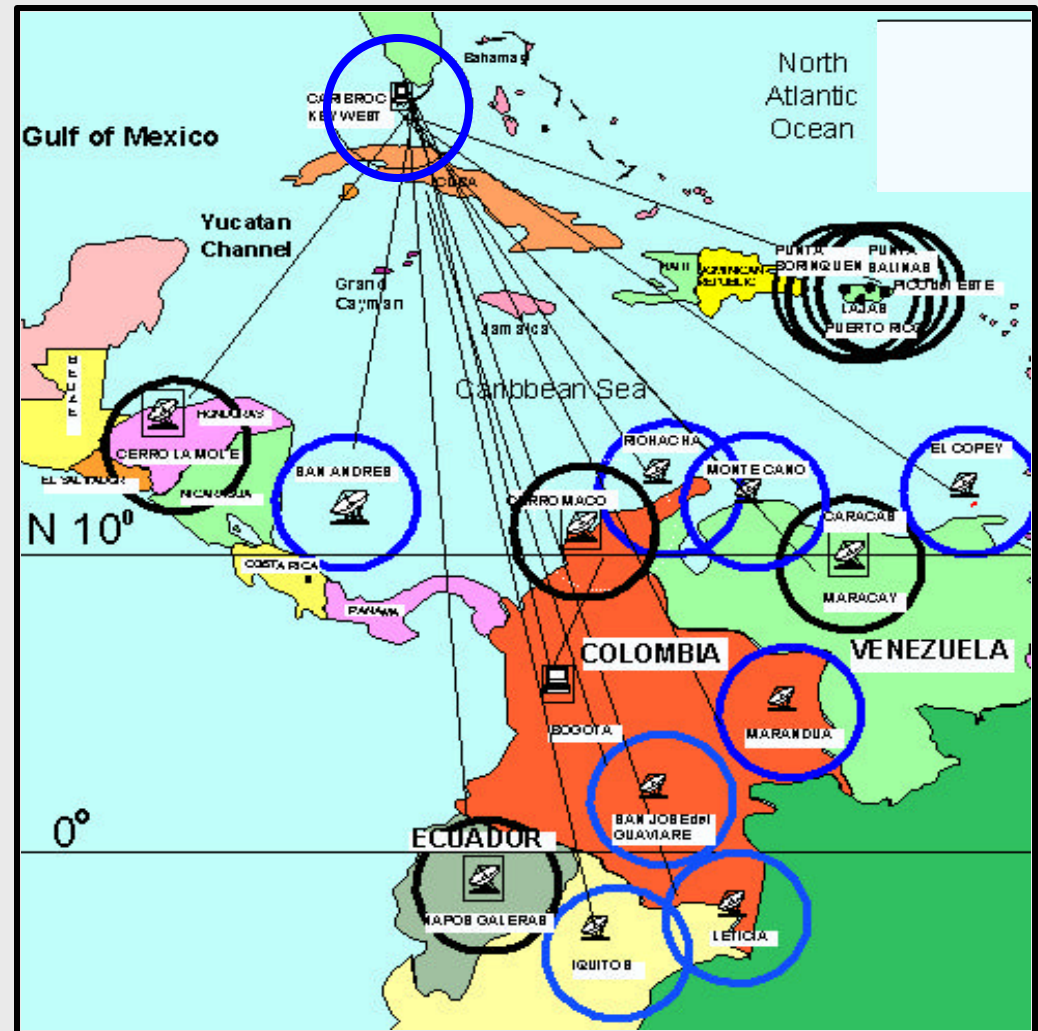


Program Background

CSCS Network

CSCS Omnibus Effort

- ◆ CSCS Radars
 - USAF TPS-70's (Blue)
 - USAF TPS-43's (Blue)
 - Other US or Participating Nation(PN) Radars (Black)
- ◆ PN Command Center Connectivity
 - Colombia, Venezuela, Ecuador
- ◆ Remote TADIL A HF Radios
 - Link Data: Ships & AEW Aircraft
- ◆ Above Data used to feed the COP
- ◆ US & PN Remote UHF/VHF radios
 - Command and Control
- ◆ Hot Lines/DSN Service in Theater
- ◆ US & PN Real Time Displays



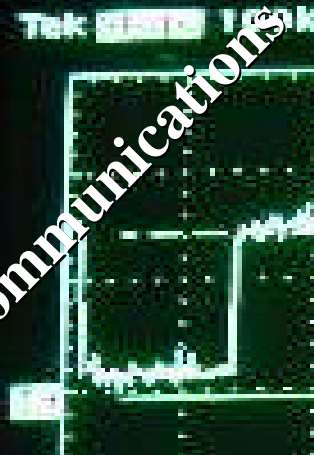


Program Background

Typical CSCS Projects

CSCS Omnibus Effort

Communications



Sensors



Construction



Earth Terminals



Operation Centers



Program Background

Typical CSCS Un-Improved Site

CSCS Omnibus Effort



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Program Background

Typical CSCS New Radar Site

CSCS Omnibus Effort

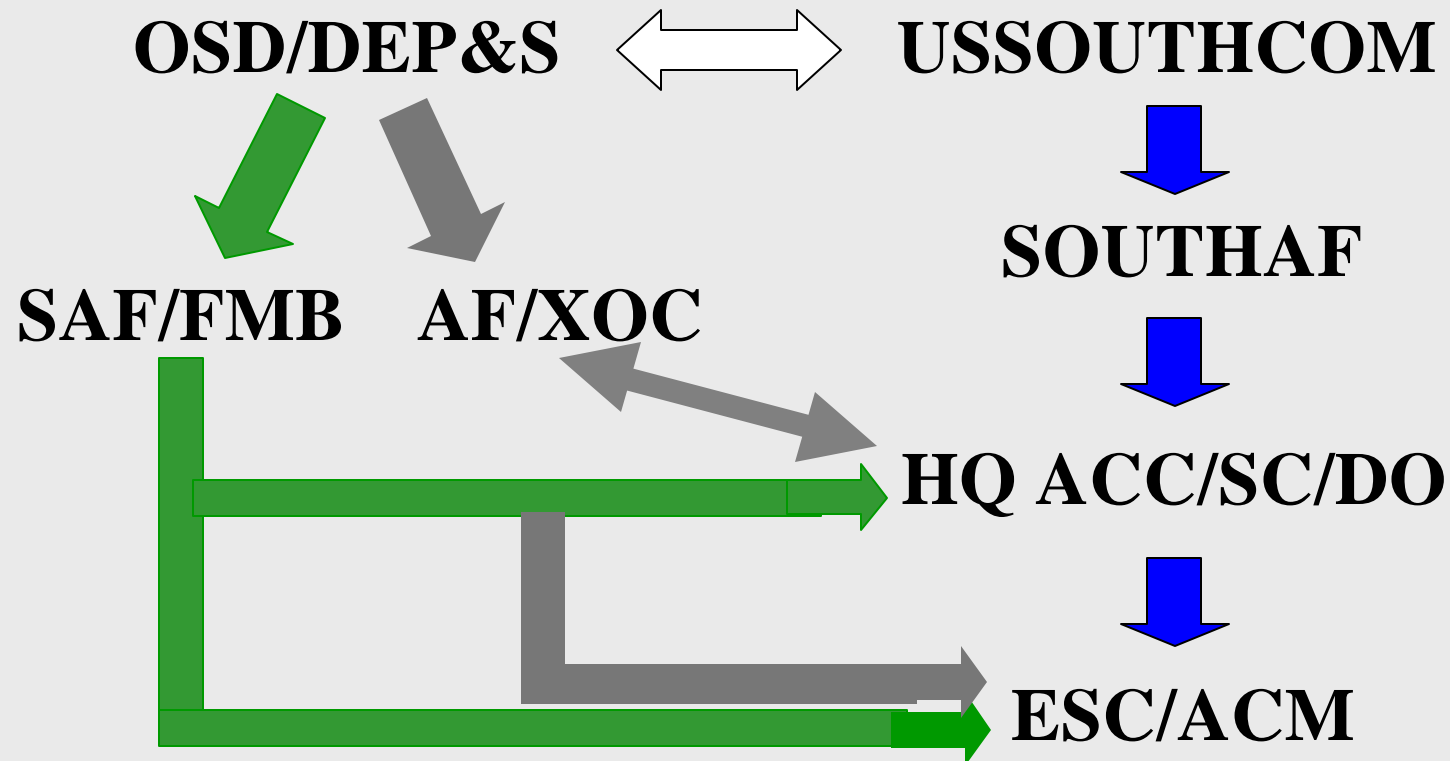


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Program Background

CSCS Omnibus Effort



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Program Background Requirements & Other Guidance

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MNS

- ◆ **MNS are written for each requirement**

Program History

- ◆ **1986**
 - **Caribbean Basin Radar Network (CBRN)**
 - **SOUTHCOM Counterdrug Support (SCDS)**
- ◆ **Oct 96 these two CD Projects were combined into CSCS**
 - **Expanded Support to SOUTHCOM C4I Programs**
 - **Support Ground Based Radar Commercialization**



ACQUISITION STRATEGY

Program Funding: Historical

CSCS Omnibus Effort

	FY 97	FY 98	FY 99	FY00
Procurement	18.2	7.5	7.5	18
O&M	2.8	3	3.1	7.8
R&D	0	0	0.45	0
TOTAL (\$M)	21	10.5	11.05	25.8



Industry Day Briefing:

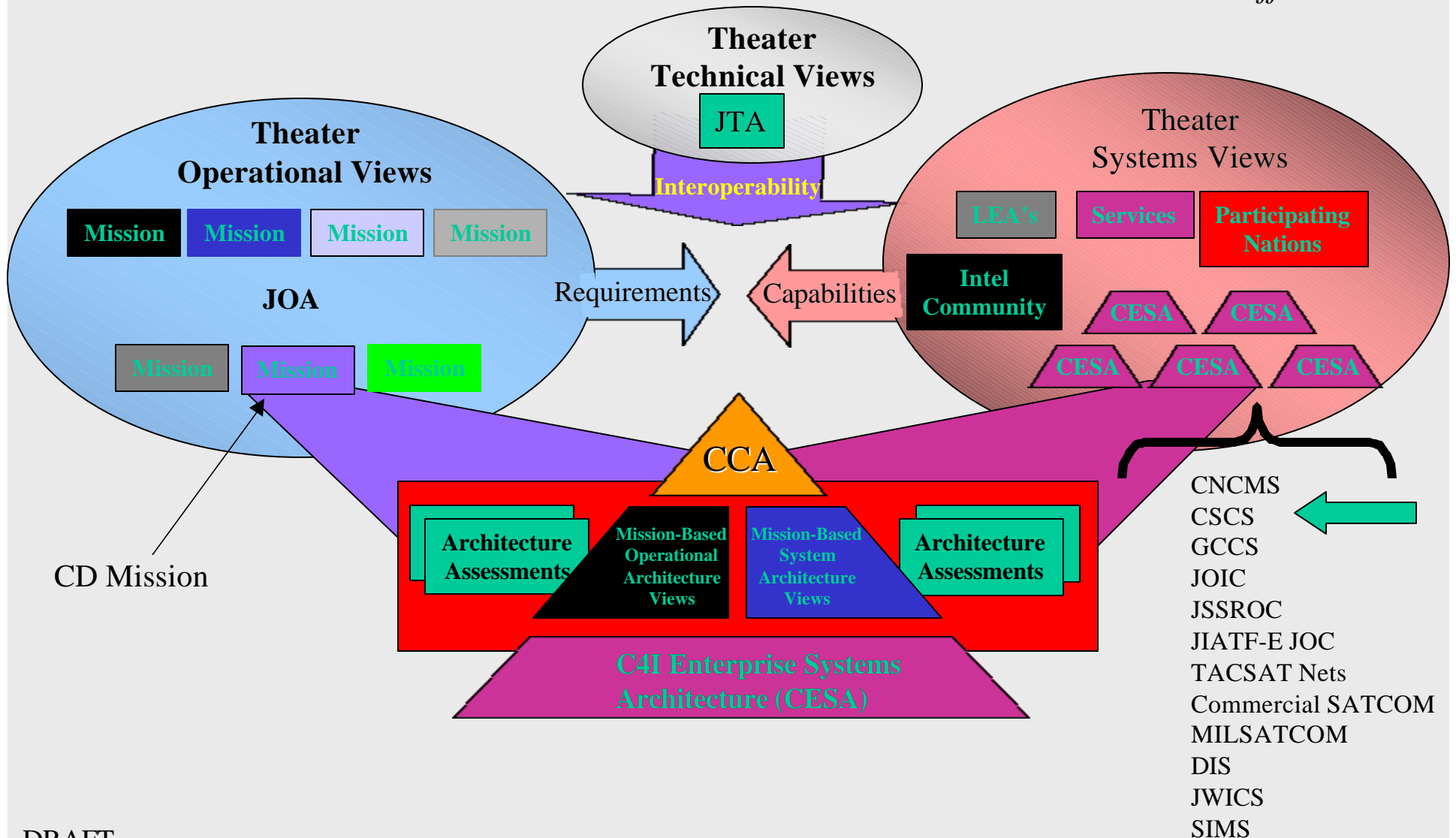
CSCS Architecture & 500 Day Plan

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CSCS as Part of USSOUTHCOM Integrated Architecture

CSCS Omnibus Effort



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15 CD C4ISR Products IAW C4ISR Architecture Framework 2.1

CSCS Omnibus Effort

OPERATIONAL

High-Level Operational Concept Graphic

Operational Node Connectivity Description

Operational Information Exchange Matrix

Command Relationships Chart

Activity Model

ADMINISTRATIVE

Overall Descriptions and Recommendations

Integrated Dictionary

SYSTEMS

System Interface Description

Systems Communications Desc.

Systems² Matrix

Systems Functionality Description

Operational Activity to System
Function Traceability Matrix

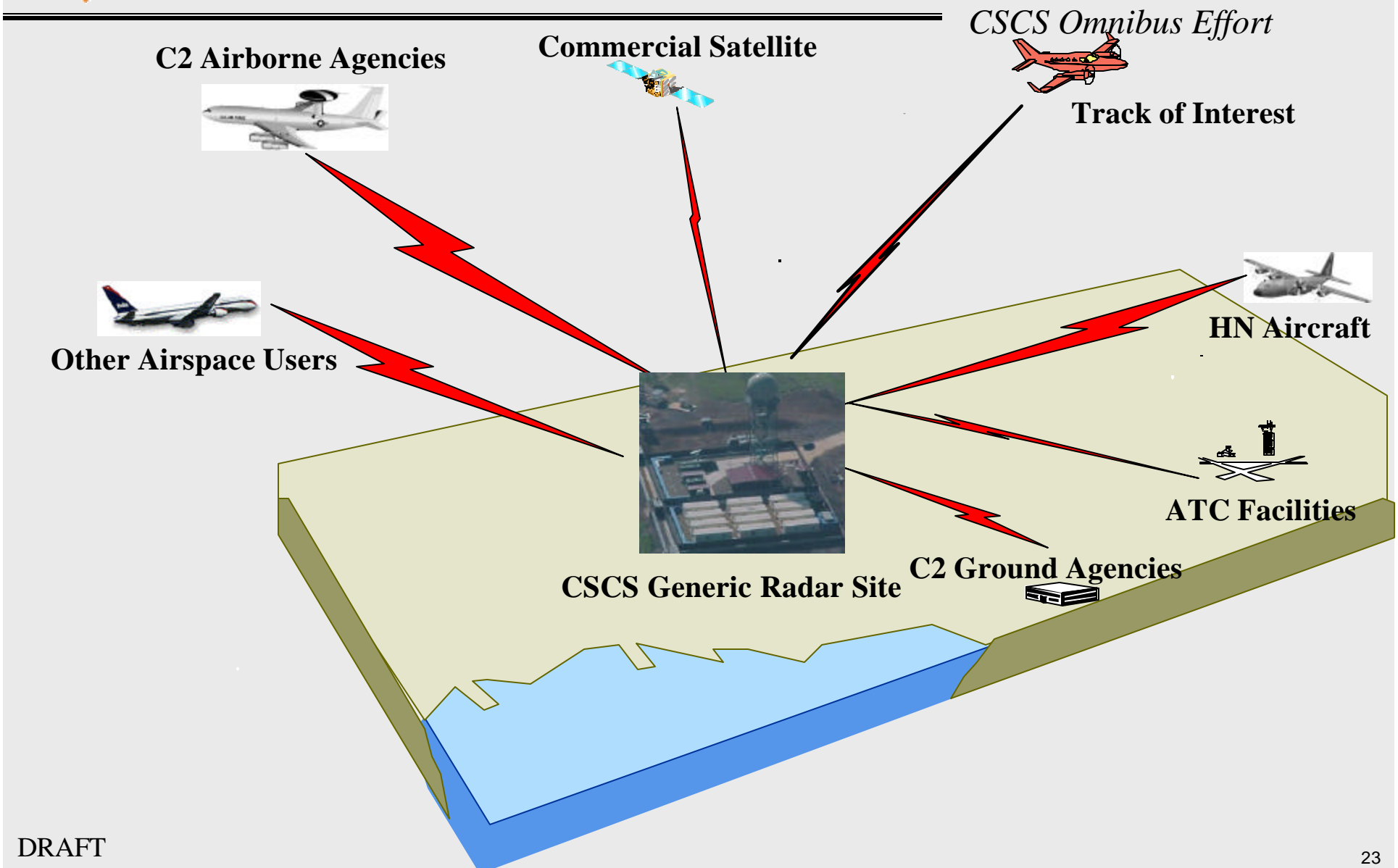
Sys Information Exchange Matrix

System Evolution Description

System Technology Forecast



OV-1 CSCS Operational Concept Graphic



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CSCS 500-Day Plan

Intent

Provide a roadmap for the seamless planning, acquisition, integration, synchronization and O&M of Sensor System, Communications Systems, Command and Control Operational projects throughout the AOR in order to provide timely, responsive solutions to USSOUTHCOM needs

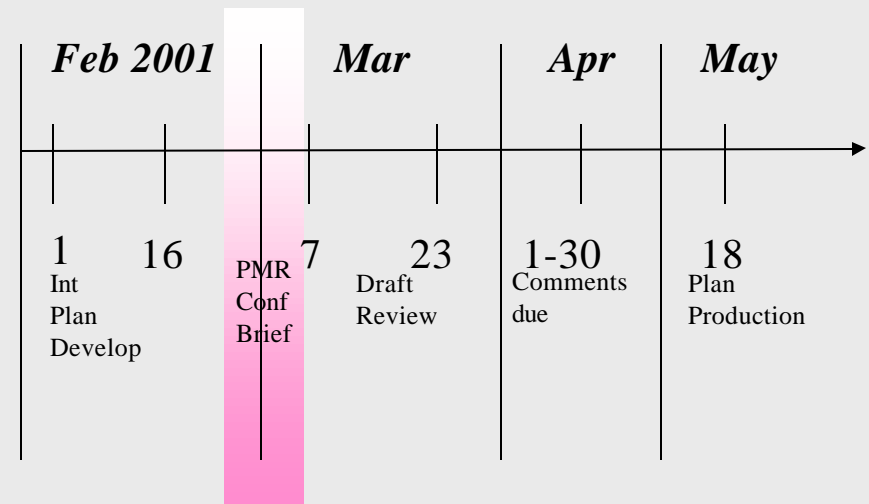
Objectives

- **Contribute to the standards based C4 Theater Enterprise Architecture**
- **Provide input for C4 planning to USSOUTHCOM**
- **Respond to direction from USSOUTHCOM and DEP&S**
- **Gain efficiencies in the acquisition and O&M processes**

CSCS Omnibus Effort

- ◆ A building block for future planning
- ◆ Action plan for P3I
- ◆ Builds on work done in CD Architecture
- ◆ Goal is to be part of a common C4 backbone

Plan Timeline





High Level Concept

CSCS Omnibus Effort

- ◆ Generate, maintain, and monitor a detailed plan which:
 - Identifies, integrates, consolidates and synchronizes CSCS projects
 - Supports
 - ◆ CSCS PMD
 - ◆ USSOUTHCOM 500-Day Plan
 - ◆ Migration path toward the information superiority concepts of JV2010 and JV2020
 - Has specific actions and measurable results to:
 - ◆ Implement a capability
 - ◆ O&M Planning
 - ◆ Plan (Organize, Define, Budget) for near term (2 - 3 Years) or future requirements (5 - 10 Years)
- ◆ The 500-Day Plan is a working document
 - It will be monitored monthly
 - It will be updated semi-annually



CSCS 500-Day Plan Players

CSCS Omnibus Effort



- ◆ 4 Goals which map to the CSCS PMD
 - Intent of each goal clearly identified
- ◆ Specific objectives identify:
 - Statement of problem
 - Start Date
 - Completion Date
 - Course of action
 - Reporting Requirements



CSCS Specific Goals

CSCS Omnibus Effort

- ◆ **GOAL 1- Architecture** - Develop a standards based Counterdrug Architecture that integrates the Global Information Grid (GIG) and Joint Vision 2010/2020 concepts and can be incorporated into the USSOUTHCOM Theater C4 Architecture
- ◆ **GOAL 2 - Sensors** - Deliver and integrate U.S. and Host Nation sensor systems that provide real-time tactical air picture of the Area of Responsibility to key Command and Control centers
- ◆ **GOAL 3 – Communications** - Provide and integrate communications systems that are cost effective, extensible, robust, and allow for no single point of failure.
- ◆ **GOAL 4 – Command and Control** - Provide Command and Control operational support to U.S. and Host Nation centers.



CSCS Specific Objectives

CSCS Omnibus Effort

◆ GOAL 1- Architecture -

- Objective 1.1 - Validation of the integrated USSOUTHCOM Counterdrug Architecture Baseline
- Objective 1.2 - Creation of a “Target Architecture” to include Operational Architecture and Systems Architecture
- Objective 1.3 - Integrate USSOUTHCOM Counterdrug Architecture into the Theater Operational and Systems Architecture as well as the Command Enterprise Systems Architecture

◆ GOAL 2 - Sensors

- Objective 2.1 - Replace U.S. TPS-43 radar with solid state commercial hemispheric radar
- Objective 2.2 - Improve availability of Host Nation Radars providing data to the Joint Southern Surveillance and Reconnaissance Operations Center (JSSROC)
- Objective 2.3 - Improve the air surveillance picture of the USSOUTHCOM Counterdrug Area of Responsibility



CSCS Specific Objectives

CSCS Omnibus Effort

◆ GOAL 3 – Communications

- Objective 3.1 - Provide an alternate hub for the CSCS Earth Station at Key West
- Objective 3.2 - Integrate Forward Operating Location communications into CSCS satellite network
- Objective 3.3 - Investigate use of SATCOM TADIL J (JTIDS Range Extension (JRE)) to replace HF TADIL A communications to deployed assets

◆ GOAL 4 – Command and Control

- Objective 4.1 - Provide Regional Air Space Network (RASNET) for USSOUTHCOM AOR
- Objective 4.2 - Provide Peace Panorama II to Colombia
- Objective 4.3 - Investigate an alternate Command and Control center for JSSROC



Industry Day Briefing:

CSCS **OMNIBUS** Requirements

13 March 2001



Program Background

What is CSCS **OMNIBUS**?

CSCS Omnibus Effort

OMNIBUS

- Latin meaning “For All”
- ◆ The "**OMNIBUS**" is an all encompassing **contract** which provides the flexibility to meet all of **USSOUTHCOM & SOUTHAF** mission requirements.

Provides Flexible/Rapid Acquisition for Customer



Why **OMNIBUS**?

Meeting Today's Requirements

CSCS Omnibus Effort

- ◆ Why do we need to change the **CSCS** acquisition business practices?
 - CSCS Program currently uses numerous contracts & purchase orders
 - ◆ Increased time/effort spent by User, PM, & Contracting to: solicit, compete, award and administer each new contract award
 - Current contracts lack flexibility to quickly respond to user needs & requirements
 - ◆ CSCS contract implementation response time does not support Users yearly requirement & validation/implementation cycle
 - ◆ Customer wants to utilize current contract with each new requirement/need; however, faces out-of-Scope contract issues
 - ◆ Fails to foster a flexible/rapid acquisition process for customer
 - Customer takes his business elsewhere

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Need a Smarter, Faster and Cheaper Way to Satisfy Customer



Why **OMNIBUS**? & **TOMORROWS MISSION NEEDS**

CSCS Omnibus Effort

- ◆ How will the **OMNIBUS** Contract meet mission needs?
 - Provide an all encompassing contract vehicle to meet User's needs
 - ◆ **Smarter**: Fewer contracts to manage. Reduces all of CSCS activities/requirements to a single contract.
 - ◆ **Faster**: Gets the capability to the user faster.
 - ◆ **Cheaper**: Contract will be competed twice - once before award of contract and again among the contractor for each task order
 - Allow CSCS program to grow and change as National Drug Strategy evolves

Make ESC Center of Excellence for AF Counter Drug



CSCS OMNIBUS: Contract Scope

CSCS Omnibus Effort

- ◆ What will the OMNIBUS Contract encompass?
 - Facility & Site Construction
 - Sensors
 - ◆ Radar Acquisition, Refurbishment, Enhancement, & Evaluation
 - Operation Centers
 - ◆ Data processing, Integration, Installation
 - Communication
 - ◆ Connectivity & Integration, SATCOM leases, Support, SW Integration
 - Life Cycle Support
 - ◆ Configuration Management, Logistics, ICS
 - System Engineering & Management
 - ◆ Training, Studies, Testing, Manuals, Storage/Shipping, Information management, Force Protection & Physical Security



CSCS OMNIBUS: Possible Initial Tasking

CSCS Omnibus Effort

- ◆ What immediate CSCS tasks could be incorporated into an OMNIBUS Contract?
 - RASNET
 - Alternate JSSROC Hub
 - SIVAM Integration Report



CSCS OMNIBUS

CSCS Omnibus Effort

15 Min BREAK



Industry Day Briefing:

OMNIBUS Acquisition Strategy

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ACQUISITION STRATEGY

OVERVIEW

CSCS Omnibus Effort

- ♦ Market Research/CBD Announcement / Early Industry Involvement
- ♦ Risk Management/Mitigation Plan
- ♦ Preferred Acquisition Approach
- ♦ Funding
- ♦ Schedule
- ♦ Recommendations



ACQUISITION STRATEGY

Market Research/Industry Involvement

CSCS Omnibus Effort

- ◆ CBD/HERBB announcement
 - HERBB & Email accounts established 1 Dec 00
 - Sources Sought Synopsis released 1 Dec 00
- ◆ Received Qualification Packages: 10 Jan 01
 - Reviewed by CSCS Program Office
 - Further Discussion After Lunch
- ◆ Industry Day & 1 on 1 Discussions



ACQUISITION STRATEGY

Risk Management/Mitigation

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Risk & Mitigation Strategies

- ◆ Clearly defined requirements
 - Drafting & coordinating TRD for Omnibus
- ◆ Political issues with ACC about inclusion of O&M
 - Clearly define O&M tasks to include only those not covered by ACC
- ◆ Force Protection & Threat Environment
 - Build Flexibility into contract for these issues
- ◆ Ability of contractors to maintain effective Program offices over life of contract
 - Scope and frequency of taskings will ensure high activity level



ACQUISITION STRATEGY

Alternatives Considered

CSCS Omnibus Effort

Award to Multiple Contractors

◆ Benefits:

- Cost Savings
 - ◆ Realized twice: once before award and again after award when competing task requirements among the two contractors
- Motivation
 - ◆ Competition forces each contractor to perform well and within cost and schedule.
- Flexibility
 - ◆ CSCS Program Office will have the capability to support a broad range of multiple essential mission requirements requested by **USSOUTHCOM & SOUTHAF** in a timely fashion.



ACQUISITION STRATEGY

Alternatives Considered

CSCS Omnibus Effort

Award to Two Contractors

◆ Con's:

- Proprietary issues among contractors
 - ◆ Contractors must work together to ensure entire CSCS system is properly integrated.
- Increased commitment
 - ◆ Two contractor program offices must be maintained
 - ◆ Is there sufficient work to keep multiple contractors employed

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ACQUISITION STRATEGY

Alternatives Considered

CSCS Omnibus Effort

Alternative: One Competitive Contract

◆ Pro's:

- Single POC for all actions
 - ◆ Government has one POC that has Total System Performance Responsibility (TSPR)
 - ◆ Simplifies integrating, scheduling and interfacing with system operations with minimal impact to CSCS mission



ACQUISITION STRATEGY

Alternatives Considered

CSCS Omnibus Effort

Alternative: One Competitive Contract

◆ Con's:

- Resource Limitations
 - ◆ One contractor may not have all capabilities to support a multiple of urgent CSCS tasks.
- Single Point of Failure
 - ◆ Government is wholly depended on single contractor.
 - ◆ If contractor not flexible enough to meet users' needs, then ESC may lose business to other Agencies/Services.
- Long Term Implications
 - ◆ If we have a only one contractor and a long period of performance, then we risk limiting the future competitive market



ACQUISITION STRATEGY

Development

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Risk Area: Cost Schedule Technical

**Multiple
contractors**

Low

Moderate

Low/mod

**Single
Contractor**

Moderate

Moderate

Moderate

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ACQUISITION STRATEGY

Proposal Evaluations/ Competitive

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- ◆ **Source Selection will be IAW AFFARS 5315.304
Evaluation factors and significant subfactors**
- ◆ **IAW current Acquisition Initiatives and
Streamlined Source Selection Procedures**
- ◆ **Source Selection Evaluation Methodology:
Best Value Determination**



ACQUISITION STRATEGY

Potential Contract Strategy

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- ◆ **Contract Type: Multi types FFP/CR/CPAF/T&M**
- ◆ **Contract Vehicle: IDIQ**
- ◆ **Incorporate current Acquisition Initiatives**
- ◆ **Special Terms and Conditions**
 - **Total System Performance Responsibility**
 - **Award Fee Plan**
 - **Evaluate Prime's contractor proposed-small business in Subcontracting Plans (in evaluation for award and as a criteria in Award Fee)**



ACQUISITION STRATEGY

CSCS Omnibus - CLIN Structure

CSCS Omnibus Effort

◆ Proposed Contract-Line-Item-Numbers:(CLINS)*

- 0001 - Facility & Site Construction
- 0002 - Sensors
- 0003 - Operation Centers
- 0004 - Communication
- 0005 - ICS
- 0006 - System Engineering & Management

* All Parent CLIN will have an applicable Data CLIN assigned



ACQUISITION STRATEGY

Data Deliverables

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- ◆ SOW
- ◆ IMS
- ◆ Others as required



Industry Day Briefing:

OMNIBUS Qualification Packages

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Industry Day Briefing:

Q & A From Morning Session

13 March 2001



Industry Day Briefing:

Government-Industry Round Table

13 March 2001